

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	1	"20060219161".pn.	US-PGPUB; USPAT	ADJ	ON	2009/03/13 23:08
S1	13	"4547258"	US-PGPUB; USPAT	ADJ	ON	2007/11/26 15:29
S2	12	"4710260"	US-PGPUB; USPAT	ADJ	ON	2007/11/26 15:30
S3	1	"6861144"	US-PGPUB; USPAT	ADJ	ON	2007/11/26 15:30
S4	264	423/349.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/11/26 16:09
S5	181	423/349.ccls. AND (apparatus OR means OR system OR device)	US-PGPUB; USPAT	ADJ	ON	2007/11/26 16:10
S6	21	423/349.ccls. AND (apparatus OR means OR system OR device) AND tubular	US-PGPUB; USPAT	ADJ	ON	2007/11/26 16:10
S7	9775	"117".clas.	US-PGPUB; USPAT	ADJ	ON	2007/11/26 16:13
S8	8	"117".clas. AND tubular NEAR10 reaction NEAR10 (apparatus OR device OR system OR means OR vessel) AND silicon	US-PGPUB; USPAT	ADJ	ON	2007/11/26 16:14
S9	1	"20050201908"	US-PGPUB; USPAT	ADJ	ON	2007/11/26 16:16
S10	104	117/204.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/11/26 16:30
S11	36	117/205.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/11/26 16:30
S12	71	117/31.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/11/26 16:30
S13	147	117/33.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/11/26 16:30
S14	189	117/35.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/11/26 16:30
S15	386	TOKUYAMA CORPORATION	US-PGPUB; USPAT	ADJ	ON	2007/11/26 16:36
S16	386	TOKUYAMA CORPORATION	US-PGPUB; USPAT; JPO	ADJ	ON	2007/11/26 16:37
S17	1	S10 AND S16	US-PGPUB; USPAT; JPO	ADJ	ON	2007/11/26 16:37
S18	1	S11 AND S16	US-PGPUB; USPAT; JPO	ADJ	ON	2007/11/26 16:37

S19	0	S12 AND S16	US-PGPUB; USPAT; JPO	ADJ	ON	2007/11/26 16:37
S20	0	S13 AND S16	US-PGPUB; USPAT; JPO	ADJ	ON	2007/11/26 16:38
S21	0	S14 AND S16	US-PGPUB; USPAT; JPO	ADJ	ON	2007/11/26 16:38
S22	115	117/204.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/27 10:09
S23	16336	react\$5 NEAR20 (orifice OR protru\$6 OR concave OR slope\$2)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/11/27 11:15
S24	680	react\$5 (vessel OR device OR system) NEAR20 (orifice OR protr\$6 OR concave OR slope\$2)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/11/27 11:16
S25	123	react\$5 (vessel OR device OR system) NEAR20 (orifice OR protr\$6 OR concave OR slope\$2) AND silicon	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/11/27 11:16
S26	1	"20060219161"	US-PGPUB; USPAT	ADJ	ON	2007/11/27 16:11
S27	1915	422/211.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 15:24
S28	77851	"422".das.	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 15:24
S29	43829	S28 AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 15:25
S30	5864	S29 AND silicon	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 15:25
S31	60	S30 AND chlorosilane	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 15:26
S32	270	423/349.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/07/30 15:29
S33	177	S32 AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 15:29
S34	175	423/324.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 15:30
S35	116	S34 AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 15:30
S36	17	(S33 OR S35) AND chlorosilane AND polycrystalline	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 15:31
S37	740	422/139.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 15:37
S38	830	422/145.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 15:38
S39	125	(S37 OR S38) AND silicon	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 15:38

S40	88	S39 AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 15:38
S41	0	(S39 OR S33 OR S35) AND flow\$resistan\$3	US-PGPUB; USPAT	ADJ	OFF	2008/07/30 15:42
S42	1	"6784079"	US-PGPUB; USPAT	ADJ	ON	2008/07/30 16:09
S43	1	"6932954".pn.	US-PGPUB; USPAT	ADJ	ON	2008/07/30 16:10
S44	0	"7413718".pn.	US-PGPUB; USPAT	ADJ	ON	2008/07/30 16:11
S45	10174	"117".das.	US-PGPUB; USPAT	ADJ	ON	2008/07/31 11:50
S46	6995	S45 AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2008/07/31 11:50
S47	282	S46 AND baffle\$	US-PGPUB; USPAT	ADJ	OFF	2008/07/31 11:50
S48	0	S47 AND chlorosilane	US-PGPUB; USPAT	ADJ	OFF	2008/07/31 11:51
S49	102	S47 AND polycrystalline	US-PGPUB; USPAT	ADJ	OFF	2008/07/31 11:51
S50	226	422/228.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/31 14:44
S51	132	S50 AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2008/07/31 14:44
S52	0	S51 AND flow\$resistan\$3	US-PGPUB; USPAT	ADJ	OFF	2008/07/31 14:45
S53	126	S51 AND flow	US-PGPUB; USPAT	ADJ	OFF	2008/07/31 14:45
S54	226	422/228.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/07/31 15:31
S55	794	422/129.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/07/31 15:31
S56	557	366/336.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/07/31 15:31
S57	344	366/337.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/07/31 15:32
S58	238	366/338.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/07/31 15:32
S59	364	366/341.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/07/31 15:32
S61	1401	(S54 S55 S56 S57 S58 S59) AND @ad<="20030813"	US-PGPUB; USPAT	OR	OFF	2008/07/31 15:33
S62	4	S61 AND flow\$resistan\$3	US-PGPUB; USPAT	ADJ	OFF	2008/07/31 15:33
S63	349	S61 AND baffle\$	US-PGPUB; USPAT	ADJ	OFF	2008/07/31 15:34
S64	1313	S61 AND flow	US-PGPUB; USPAT	ADJ	OFF	2008/07/31 15:34

S65	174	S61 AND silicon	US-PGPUB; USPAT	ADJ	OFF	2008/07/31 15:34
S66	20	S63 AND silicon	US-PGPUB; USPAT	ADJ	OFF	2008/07/31 15:35
S67	251	S63 AND ((fluid\$ OR gas\$3 OR reactant\$) WITH (flow OR resistanc\$2))	US-PGPUB; USPAT	ADJ	OFF	2008/07/31 15:54
S68	234	S67 NOT S66	US-PGPUB; USPAT	ADJ	OFF	2008/07/31 15:54
S69	2	(baffle\$ WITH flow \$resistance) AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2008/08/04 09:01
S70	3	(baffle\$ SAME flow \$resistance) AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2008/08/04 09:02
S71	1074	(baffle\$ SAME (flow WITH resist\$6)) AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2008/08/04 09:03
S72	623	(baffle\$ WITH (flow WITH resist\$6)) AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2008/08/04 09:03
S73	460	(baffle\$ WITH (flow NEAR5 resist\$6)) AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2008/08/04 09:04
S74	419	(baffle\$ WITH (flow NEAR3 resist\$6)) AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2008/08/04 09:04
S75	135	(baffle\$ WITH (flow NEAR3 resist\$6) WITH (fluid OR gas OR vapor)) AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2008/08/04 09:08
S76	16	(US-20020081250-\$ or US- 20030133358-\$ or US- 20040151643-\$ or US- 20040136886-\$ or US- 20040044170-\$).did. or (US- 6861144-\$ or US-4710260-\$ or US-4547258-\$ or US- 5165908-\$ or US-5139762-\$ or US-5810934-\$ or US- 6572835-\$ or US-6399022-\$ or US-6132079-\$ or US- 4374093-\$).did. or (WO- 2007012027-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	OFF	2008/08/04 09:16
S78	9	S76 AND baffle\$	US-PGPUB; USPAT	ADJ	OFF	2008/08/04 09:17
S79	1014	422/198.ccls. AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2008/08/04 10:28
S80	171	S79 AND silicon	US-PGPUB; USPAT	ADJ	OFF	2008/08/04 10:28

S81	21	S80 AND baffle\$	US-PGPUB; USPAT	ADJ	OFF	2008/08/04 10:29
S82	1	"4547258".pn.	US-PGPUB; USPAT	ADJ	ON	2009/03/13 17:41
S83	1	"4710260".pn.	US-PGPUB; USPAT	ADJ	ON	2009/03/13 17:42
S84	1	"6861144".pn.	US-PGPUB; USPAT	ADJ	ON	2009/03/13 17:43
S85	156	silicon WITH (apparatus OR system OR reactor OR reaction vessel) AND (halosilane OR chlorosilane) AND (silicon deposition)	US-PGPUB; USPAT	ADJ	ON	2009/03/13 17:45
S86	590	422/145.ccls. AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2009/03/13 17:47
S87	1685	118/725.ccls. AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2009/03/13 17:50
S88	178	423/349.ccls. AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2009/03/13 17:56
S89	116	423/324.ccls. AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2009/03/13 17:56
S90	394	422/139.ccls. AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2009/03/13 17:57
S91	590	422/145.ccls. AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2009/03/13 17:57
S92	1022	422/198.ccls. AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2009/03/13 17:57
S93	1086	422/211.ccls. AND @ad<="20030813"	US-PGPUB; USPAT	ADJ	OFF	2009/03/13 17:57
S94	4616	(S86 S87 S88 S89 S90 S91 S92 S93)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/13 18:11
S95	95	S94 AND silicon deposition	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/03/13 18:11
S96	22	S95 AND (protrudent OR concave OR baffle OR protrus \$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/13 18:13
S97	207	S94 AND silicon deposit\$5	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/03/13 18:15
S98	42	S97 AND (protrudent OR concave OR baffle OR protrus \$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/13 18:15
S99	34	S98 AND (protrudent OR concave OR baffle OR protrus \$3) SAME (flow OR resistance OR wall OR cylinder OR tube OR reactor OR vessel)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/13 18:16
S100	12	S99 AND polycrystalline	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/13 18:17

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